Recombinant Human STX11 Protein, His-tagged

Cat. No. STX11-2742H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STX11 Protein (Met1-Lys287) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys287
Description	This gene encodes a member of the syntaxin family. Syntaxins have been implicated in the targeting and fusion of intracellular transport vesicles. This family member may regulate protein transport among late endosomes and the trans-Golgi network. Mutations in this gene have been associated with familial hemophagocytic lymphohistiocytosis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.7 kDa Accurate Molecular Mass: 39 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

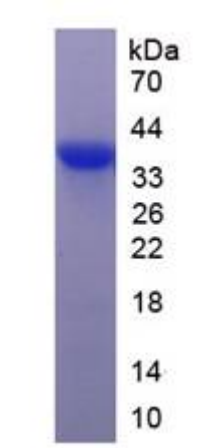
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	STX11 syntaxin 11 [Homo sapiens (human)]
Official Symbol	STX11
Synonyms	STX11; syntaxin 11; syntaxin-11; FHL4; HLH4; HPLH4;
Gene ID	8676
mRNA Refseq	NM_003764
Protein Refseq	NP_003755
MIM	605014
UniProt ID	O75558

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